

ABSTRACT OF THE DISCLOSURE

The present invention provides a recombinant
5 adenovirus vector targeted by zipper peptides. The vector contains
a fiber protein modified by insertion of a first zipper peptide that
can crosslink to a fusion protein comprising a second zipper peptide
and a targeting ligand. Binding of the first zipper peptide to the
second zipper peptide forms a targeted vector : ligand complex,
10 thereby targeting the adenovirus vector to a cell that expresses a
cell surface molecule that binds to said targeting ligand.